

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	1612	((210/459) or (604/408,410,10)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 11:55
L7	240	L6 and (arrow or mark\$3 or indicat\$3) same (flow\$3 or direction or way)	US-PGPUB; USPAT	OR	ON	2007/04/27 11:57
L8	170	L6 and (arrow or mark\$3 or indicat\$3) with (flow\$3 or direction or way)	US-PGPUB; USPAT	OR	ON	2007/04/27 12:22
L9	43	L6 and (arrow with show\$3 with (flow\$3 or direction or way))	US-PGPUB; USPAT	OR	ON	2007/04/27 13:04
L11	1	("5156701").PN.	USPAT; USOCR	OR	OFF	2007/04/27 13:04
S1	49	((("4142523") or ("4250892") or ("4254771") or ("4346711") or ("4759749") or ("4834108") or ("4850964") or ("4894150") or ("4898572") or ("4963134") or ("5002529") or ("5004459") or ("5061236") or ("5201722") or ("5205834") or ("5207638") or ("5248359") or ("5275585") or ("5318510") or ("5380314") or ("5403304") or ("5437836") or ("5441482") or ("5458567") or ("5507904") or ("5643193") or ("5722947") or ("5772880") or ("5785700") or ("5798041") or ("5885261") or ("5938940") or ("5971948") or ("6027490") or ("6030539") or ("6099492") or ("6129853") or ("6186983") or ("6221264") or ("6221264") or ("6277138") or ("6277139") or ("6296602") or ("6328726") or ("6342048") or ("6344049") or ("6358420") or ("6458814") or ("6464624") or ("6471069"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/15 09:33
S2	263	sugawara-hiroyuki\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 08:57

## EAST Search History

S3	907	stewart.in. and @py="1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:40
S4	0	stewart.in. and @py="05-26-1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:47
S6	2	("0035804").PN.	USPAT; USOCR	OR	OFF	2007/04/16 07:42
S7	0	stewart.in. and @pd="05-26-1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:43
S8	0	stewart.in. and @pd="05261998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:43
S9	0	stewart.in. and @pd="26051998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:43
S10	0	@pd="26051998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:43
S11	0	@pd="05261998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 07:43

## EAST Search History

S12	1	("RE35804").PN.	USPAT; USOCR	OR	OFF	2007/04/16 08:47
S13	3	((("4,985,153") or ("Re35,804") or ("5,156,701")).PN.	USPAT; USOCR	OR	OFF	2007/04/16 08:54
S17	15321	((210/767) or (210/787) or (210/805) or (210/196) or (210/233) or (210/257.1) or (210/420) or (210/436) or (210/472) or (210/782) or (210/789) or (210/806) or (210/206) or (210/496) or (422/41) or (422/44) or (604/29) or (604/410) or (604/407-410) or (604/246) or (604/251) or (604/260) or (604/262) or (604/4) or (604/182) or (494/37) or (222/92) or (222/95) or (222/103)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 09:00
S18	1613	S17 and blood and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:13
S19	263	sugawara-hiroyuki\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:01
S20	7	S19 and blood and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:01
S21	0	("2007/0043317").URPN.	USPAT	OR	ON	2007/04/16 09:02
S22	0	("2006/0180526").URPN.	USPAT	OR	ON	2007/04/16 09:02
S23	544	S18 and steriliz\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:14

## EAST Search History

S24	926	S18 and filter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:26
S25	80	S18 and ((aseptically or aseptic) same connect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:17
S26	70	S25 and @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:19
S27	542	S18 and ((aseptically or aseptic or sterile or hygenic or sanitary) same connect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 10:52
S28	457	S27 and @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:19
S29	322	S28 and filter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 09:26
S30	21	"4886487"	US-PGPUB; USPAT	OR	ON	2007/04/16 09:53
S31	1	("4886487").PN.	USPAT; USOCR	OR	OFF	2007/04/16 09:53

## EAST Search History

S34	1282	gambro.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 08:31
S36	846	"terumo kabushiki kaisha".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 08:32
S37	433	(S34 or S36) and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 08:32
S38	347	S37 and @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 08:33
S39	186	S38 and (assembling or making or forming or building)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 08:38
S41	199	S38 and (assembling or making or forming or building or manufacturing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 09:12
S42	1	S38 and (assembling same circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 09:13

## EAST Search History

S43	4115	(blood same filter) and circuit and (assembling or making or forming or building or manufacturing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 09:12
S44	25	S43 and (assembling same circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 09:13

## EAST Search History

S46	271	( "2357238"   "2667184"   "3489145"   "3737096"   "3865411"   "3870042"   "3896733"   "3902489"   "3965896"   "3968195"   "3986508"   "4006745"   "4014329"   "4019512"   "4022205"   "4022256"   "4022496"   "4030494"   "4033345"   "4047526"   "4086924"   "4146172"   "4157723"   "4185629"   "4187979"   "4216770"   "4223672"   "4265280"   "4276175"   "4321192"   "4325417"   "4330410"   "4338190"   "4340097"   "4350156"   "4368729"   "4369779"   "4379452"   "4412835"   "4418945"   "4434822"   "4443220"   "4512763"   "4540406"   "4547186"   "4551131"   "4596657"   "4618343"   "4622032"   "4630630"   "4631050"   "4648866"   "4655742"   "4657529"   "4687580"   "4701267"   "4767541"   "4810090"   "4810378"   "4814077"   "4828557"   "4895346"   "4939081"   "4946434"   "4954128"   "4994021"   "5047321"   "5059395"   "5117875"   "5125737"   "5141493"   "5269771"   "5275612"   "5316667"   "5351118"   "5360542"   "5368542"   "5451525"   "5469375"   "5483469"   "5488469"   "5492147"   "5505685"   "5598842"   "5639382"   "5641622"   "5643201"   "5703959"   "5719666"   "5731867"   "5737078"   "5769811"   "5798827"   "5820614"   "5830701"   "5833866"   "5946220"   "5958250"   "6025201"   "6114173"   "6118522"   "6123655"   "6228652"   "6234538"   "6317511"   "6319471"   "6334842"   "6497674"   "6536805"   "6655655"   "6814726"   "Re33924").PN. OR ("2001/0012930"   "2002/0133136"   "2003/0141009"   "2006/0180526"   "2007/0043317"   "4828557"   "4886487"   "4985153"   "5217618"   "6585682"   "6678040"   "6733433"   "7097209").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/20 09:37
S47	51	S46 and (blood same circuit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/20 09:38

## EAST Search History

S48	262	S46 and @ay<"2004"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/20 09:38
S49	22	("4447230"   "4551131"   "4596657"   "4680025"   "4846787"   "4915848"   "4919823"   "4985153"   "4997577"   "5098371"   "5128048"   "5180504"   "5269946"   "5378229"   "5405343"   "5536412"   "5601730").PN. OR ("6495039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/20 09:39
S50	52	("3000540"   "3911918"   "4223695"   "4416772"   "4507119"   "4608178"   "4857190"   "4985153"   "4997577"   "5053127"   "5071570"   "5100564"   "5102407"   "5126054"   "5128048"   "5152905"   "5180504"   "5217627"   "5258126"   "5316674"   "5364526"   "5451321"   "5472621"   "5512187"   "5527472").PN. OR ("5601730"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/20 09:50
S51	48	("4267269"   "4767541"   "4855063"   "4915848"   "4919823"   "4985153"   "4997577").PN. OR ("5128048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/20 09:54
S52	23	(US-20060180526-\$ or US-20070043317-\$ or US-20020133136-\$ or US-20030141009-\$ or US-20010012930-\$).did. or (US-4886487-\$ or US-6585682-\$ or US-4828557-\$ or US-6733433-\$ or US-5217618-\$ or US-6678040-\$ or US-4985153-\$ or US-7097209-\$ or US-6495039-\$ or US-5601730-\$ or US-5180504-\$ or US-5128048-\$ or US-5098371-\$ or US-6488860-\$ or US-6234538-\$ or US-6123859-\$ or US-5527472-\$).did. or (WO-2005032619-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/04/20 10:13
S53	20	S52 and (aseptic\$4 or sterile\$2)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/21 08:28



## EAST Search History

S54	23	(US-20060180526-\$ or US-20070043317-\$ or US-20020133136-\$ or US-20030141009-\$ or US-20010012930-\$).did. or (US-4886487-\$ or US-6585682-\$ or US-4828557-\$ or US-6733433-\$ or US-5217618-\$ or US-6678040-\$ or US-4985153-\$ or US-7097209-\$ or US-6495039-\$ or US-5601730-\$ or US-5180504-\$ or US-5128048-\$ or US-5098371-\$ or US-6488860-\$ or US-6234538-\$ or US-6123859-\$ or US-5527472-\$).did. or (WO-2005032619-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/04/21 08:28
S55	2	S54 and (radiation)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/21 08:37
S56	15335	((210/767) or (210/787) or (210/805) or (210/196) or (210/233) or (210/257.1) or (210/420) or (210/436) or (210/472) or (210/782) or (210/789) or (210/806) or (210/206) or (210/496) or (422/41) or (422/44) or (604/29) or (604/410) or (604/407-410) or (604/246) or (604/251) or (604/260) or (604/262) or (604/4) or (604/182) or (494/37) or (222/92) or (222/95) or (222/103)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/21 08:38
S57	1619	S56 and blood and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 08:38
S58	192	S57 and ((radiation or gas) same steriliz\$5)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/21 08:41
S59	38	S57 and ((radiation and gas) same steriliz\$5)	US-PGPUB; USPAT; EPO	OR	ON	2007/04/21 09:26
S60	18	S59 and filter	US-PGPUB; USPAT; EPO	OR	ON	2007/04/21 09:26

## EAST Search History

S61	15335	((210/767) or (210/787) or (210/805) or (210/196) or (210/233) or (210/257.1) or (210/420) or (210/436) or (210/472) or (210/782) or (210/789) or (210/806) or (210/206) or (210/496) or (422/41) or (422/44) or (604/29) or (604/410) or (604/407-410) or (604/246) or (604/251) or (604/260) or (604/262) or (604/4) or (604/182) or (494/37) or (222/92) or (222/95) or (222/103)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/21 10:53
S62	1619	S61 and blood and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 10:53
S63	246	S62 and ((aseptically or aseptic or sterile or hygenic or sanitary) same connect\$3) and (cut\$4 or slic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 10:53
S64	198	S63 and @ay<"2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 10:54
S65	52	S64 and expand\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:55
S66	77	("2805973"   "2936816"   "3013925"   "3035631"   "3117903"   "3897296"   "3968195"   "4022256"   "4157723"   "4209013"   "4219221"   "4223675"   "4242310"   "4253500"   "4255222"   "4288266"   "4369779"   "4412835"   "4443215"   "4501630"   "4507119").PN. OR ("4610670"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 08:42

## EAST Search History

S67	10602	((604/403,408,410,415,416) or (156/250,251,261,289) or (427/384,333) or (138/103)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/22 11:32
S68	121	S67 and expand\$ and (connect\$3 same (steril\$4 or aseptic\$4))	US-PGPUB; USPAT	OR	ON	2007/04/22 08:47
S69	23	S68 and ((direction or polarity) with (flow or movement or move or run or running))	US-PGPUB; USPAT	OR	ON	2007/04/22 08:52
S70	43	S68 and ((direction or polarity or way) with (flow or movement or move or run or running))	US-PGPUB; USPAT	OR	ON	2007/04/22 08:58
S71	1	("20030144647").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/22 09:13
S73	1	("20060180526").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/22 09:13
S74	2	((("4,157,723") or ("4,265,280")).PN.	USPAT; USOCR	OR	OFF	2007/04/27 11:54
S75	1771	((604/6.09,405,406) or (210/600,322,323.1,384)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/22 11:30
S76	136	S75 and ((cut\$4 or slic\$3) same (connect\$3 or reconnect\$3 splic\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 10:52
S77	41	S76 and (sterile or sterilely or aseptic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 10:57
S78	1360	filter and loop and sterile and ((cut\$4 or slic\$3) same (connect\$3 or reconnect\$3 splic\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S80	40958	filter and (arc or ring or roll or circuit) same ((cut\$4 or slic\$3) same (connect\$3 or reconnect\$3 splic\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:57
S81	565	S80 and (sterile or sterilely or aseptic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 10:57
S82	381	S81 and @ay<"2004"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 11:05

## EAST Search History

S83	334	S82 not (antibodies or antibody or proteins or "valve replacement" or derivatives).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 11:12
S85	304	S83 not (modulating or medicament).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 11:16
S87	267	S85 not (compounds).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/22 11:16
S88	20	S67 and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 11:33
S89	1	("20020161322").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 09:10
S90	1611	((210/459) or (604/408,410,10)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 10:21
S91	1611	((210/459) or (604/408,410,10)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 14:55
S92	263	S91 and expand\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:55
S93	251	S92 and (tub\$3 or conduit or line)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:56

## EAST Search History

S94	119	S91 and ((tub\$3 or conduit or line) same expand\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:57
S95	69	S91 and ((tub\$3 or conduit or line) same mark\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:57
S96	0	("2005/0274673").URPN.	USPAT	OR	ON	2007/04/23 15:05
S97	0	("20020011452").PN.	USPAT; USOCR	OR	OFF	2007/04/23 15:05
S98	1	("20020011452").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 15:05